

Title (en)  
A planar carbon segment commutator

Title (de)  
Ebener Kohlesegmentkommutator

Title (fr)  
Commutateur plan à segments en charbon

Publication  
**EP 0583892 B1 19960501 (EN)**

Application  
**EP 93305810 A 19930722**

Priority  
GB 9217259 A 19920814

Abstract (en)  
[origin: EP0583892A2] A planar carbon segment commutator has contact members 4, with terminals 31, attached to the front surface 2 of an insulating base member 1 by means of overmoulded carbon segments 5 formed integral with anchor pieces 6 disposed within apertures 3 in the base member 1. Each aperture 3 has a second part 8 disposed rearwardly of a first part 7 having a smaller cross-section than the second part 8 and the anchor piece 6 disposed within the aperture 3 has a locking portion 10 which fills the second part 8 of the aperture 3 to thereby resist withdrawal of the anchor piece 6 from the aperture 3. The contact members 4 are embedded in the carbon segments 5 and have holes 22 filled with carbon segment material to increase interlocking between the contact members 4 and the segments 5. <IMAGE>

IPC 1-7  
**H01R 39/06**; **H01R 43/08**

IPC 8 full level  
**H01R 39/04** (2006.01); **H01R 39/06** (2006.01); **H01R 43/08** (2006.01); **H02K 13/00** (2006.01)

CPC (source: EP KR US)  
**H01R 39/06** (2013.01 - EP US); **H01R 43/08** (2013.01 - EP US); **H02K 27/00** (2013.01 - KR); **Y10T 29/49011** (2015.01 - EP US)

Cited by  
DE10359473B4; EP1001501A1; US6359362B1; EP0744793A1; EP1363365A1; EP1237235A3; US5925961A; EP0667657A1; US5677588A; US5898989A; US7019432B1; US6236136B1; US7485998B2; US6259183B1; US6667565B2; WO0211269A1

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